

Weatherly No. 920 CATALOG No. 159

Effective 4-59

hydraulic and mechanical



# JACK



**AUTO SPECIALTIES MANUFACTURING COMPANY** 

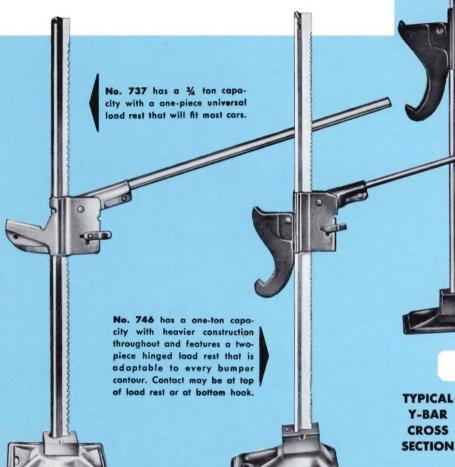
ST. JOSEPH, MICHIGAN

Other Plants at Benton Harbor and Hartford, Michigan, Windsor, Ont., Can.

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# AUSCO Y-BAR RATCHET BUMPER JACKS

No. 835 has a 3/4 ton capacity and features an extra long lifting column and is specifically designed for use on medium sized newest model cars with their long overhang front and rear. Has same two piece hinged load rest as the No. 746 jack.



The sturdy Y-section upright resists bending under extreme loads and side thrust from all directions. It is at least 25% more rigid than other

shapes of equal weights.

These Ratchet Bumper Jacks feature positive single-action lifting mechanisms for greatest safety in use. Load is raised with minimum effort—ratchets down smoothly. External ratchet teeth on Y-Bar are accurately cut. Box-type socket on base holds lifting column perfectly upright. Easy to assemble and disassemble. All three models have attractive rust-resistant finish.

#### **SPECIFICATIONS**

Catalog No.	737	746	835
Capacity	1500 lbs.	2000 lbs.	1500 lbs.
Low height (at top of load rest) (at load rest bottom hook)	41/4"	10 ½" 5 ¼"	10½ 5″
Raised height (at top of load rest) (at load rest bottom hook)	28 1/4 "	32½" 27¼"	33" 27¾"
Load rest	One-piece Universal	Hinged Universal	Hinged Universal
Base	6" x 6"	6" x 8"	6" x 6"
Handle	20"	20"	20"
Weight (lbs.)	10	131/2	101/2

# **AUTO SPECIALTIES MANUFACTURING CO.**

St. Joseph, Benton Harbor and Hartford, Mich.; Windsor, Ontario, Canada.

Individually packed in reshippable containers.
Shipped 10 to a master carton.

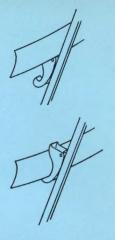


# THE SAFEST BUMPER JACKS EVER BUILT!

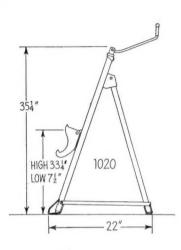
Saf-Lift is the design leader in modern bumper jacks with a double support that assures a firm, safe foundation. Jack will not tip or slip under load. The unique hinged load rest is designed to fit bumpers on all passenger cars and light trucks. Lifting contact may be made at top of load rest or at the bottom hook which permits lifting from extremely low point. Safety lock keeps legs securely locked apart. Simple to use. Just unfold, place in position and crank the handle placed at convenient height. No parts to assemble. No bending or stooping. Folds compactly to fit trunk. Screw thread is precision cut and ball bearing suspension reduces cranking effort to absolute minimum.

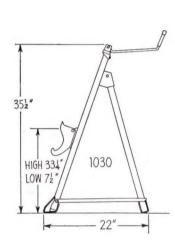
# **AUTO SPECIALTIES MANUFACTURING CO.**

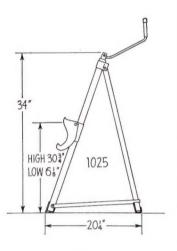
# AUSGI Saf-Lift BUMPER JACKS



Universal hinged load rest fits all models. Bumper rests securely on top flat section or on lower hook.







No. 1020 is the standard passenger car model that set the pattern for safer multiple support bumper jack design. No. 1030 is a "beefed up" version of the famous Passenger Car Model Saf-Lift with stamina to withstand repeated service use. An ideal jack for service calls and "quickie" shop jobs.

No. 1025 is a streamlined, lighter weight version for passenger car use with the same steady bipod design that has made Saf-Lift a coast-to-coast favorite. Inverted "U" channel prevents dirt from falling into screw during use.

#### **SPECIFICATIONS**

Height low (at top of load rest)	No. 1020 71/2"	No. 1030	No. 1025 61/8"
(at load rest bottom hook)	2 1/4"	2 1/4 "	21/4"
Height raised (at top of load rest)	331/4"	33 1/4 "	30 3/4 "
(at load rest bottom hook)	28 1/4"	28 1/4"	25 1/8"
Jack dimensions (open)	10"x22"x36 1/2"	12"x23"x381/4"	9"x201/4"x351/4"
Jack dimensions (closed)	5½"x10"x37½"	634"x12"x3734"	61/4"x9"x361/2"
Weight (lbs.)	161/2	20	15

# **AUTO SPECIALTIES MANUFACTURING CO.**

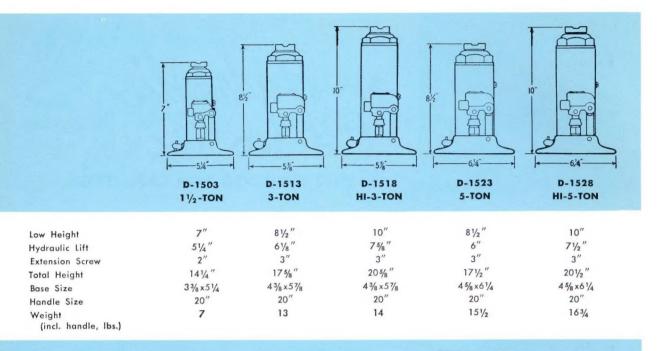


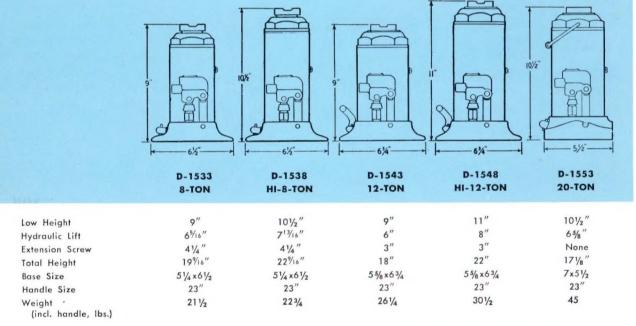
valves — no springs — easily removed for cleaning. Exclusive release valve design. Operates with equal efficiency in horizontal position. Where extra lifting range is required, HI-RANGE models will make extra sales for you.

release screw prevents rust and corrosion.

## **AUTO SPECIALTIES MANUFACTURING CO.**

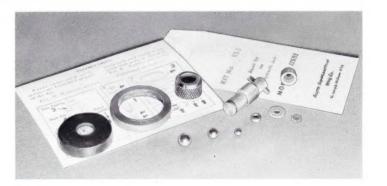
#### **SPECIFICATIONS**



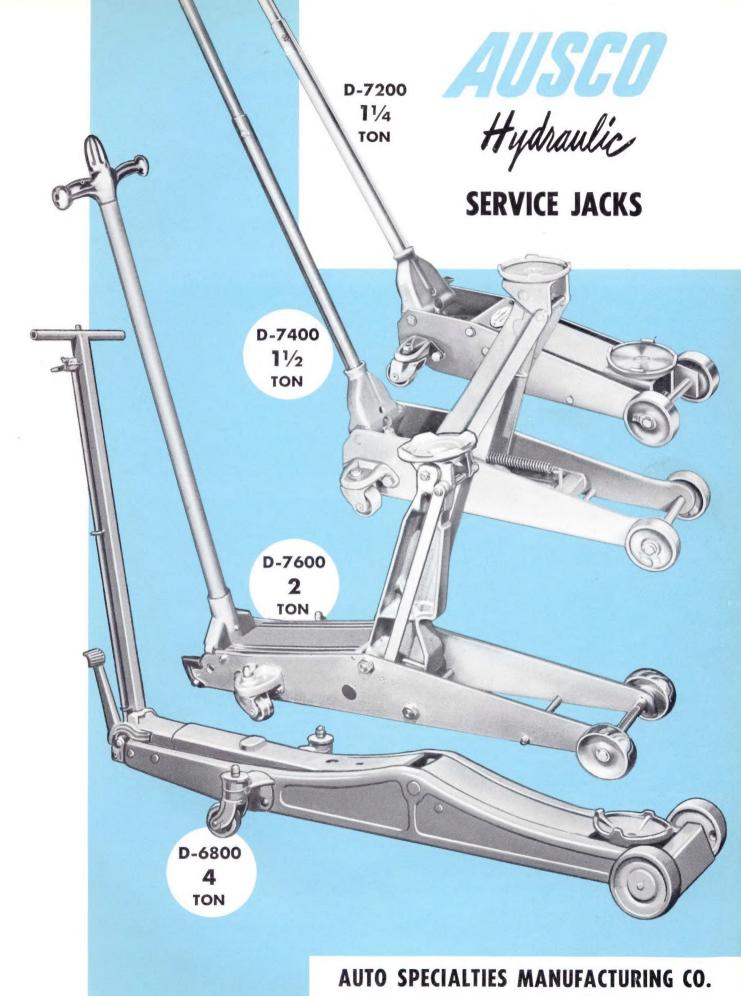


# HYDRAULIC JACK REPAIR KITS

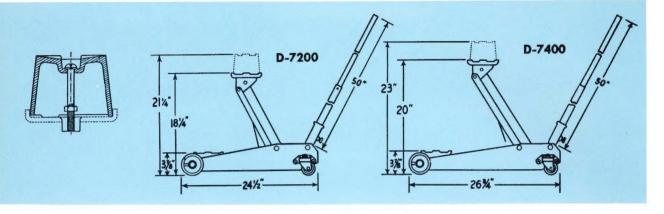
All parts normally needed to repair one hydraulic axle jack: Piston cup nut, Piston cup washer, Piston cup, Piston cup retainer, Piston wiper, Piston cylinder cap, Release screw assembly. Three valve balls — ram cup and ram packing. One kit for each capacity jack. Complete with instructions.



# AUTO SPECIALTIES MANUFACTURING CO.



#### **SPECIFICATIONS**



#### SADDLE ELEVATOR FOR HIGHER LIFTS

An easily assembled kit is available at slight extra cost to extend the 1¼ ton and 1½ ton jacks' lifting range with safety. Adds 3" to high saddle point.

#### "BOSCO" HYDRAULIC SERVICE JACK

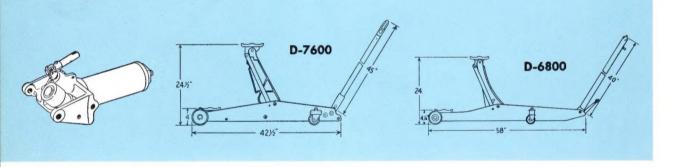
Ample quick lift for all cars and light trucks. Overload safety valve, trouble-free release valve and many outstanding features for long, trouble-free service. 21/4" swivel rear wheels for easy placement. Ruggedly built, a favorite for Gas Stations, Service Shops and Garages. Maximum dollar value and service value.

Capacity
Saddle Low Point
Saddle Raised Height181/4"
Over-all Chassis Length241/2"
Handle Length (2-pc, removable)50"
Weight (incl. handle)

#### 1-1/2 TON HYDRAULIC SERVICE JACK

This 1½ ton service jack follows the general design of the popular "Bosco" jack which has been proved in service. In addition to greater capacity, it has a higher lift, a longer wheelbase and heavier all around construction for every day working under all passenger cars and light trucks.

Capacity3000 lbs.
Low Saddle
High Saddle20"
Over-all Chassis Length
Handle Length (2-pc. removable)50"
Weight (incl. handle)90 lbs.



#### REPLACEMENT POWER UNITS

11/4 TON SA-7201 11/2 TON SA-7401 2 TON SA-7601 4 TON AS-13563 10 TON AS-13564

For ease in servicing Service Jacks. Simple to remove old unit and insert new one. Credit on exchange on return of old unit.

#### LONG-CHASSIS 2-TON SERVICE JACK

New exclusive release valve operates perfectly in any handle position. Long wheelbase and greater extended height for easier use under today's long overhang cars. Rugged, long handle with rigid hand grip for extra leverage and easier operation. Ruggedly built throughout — 3/8" special steel side frames . . . unbreakable malleable iron lifting arm and saddle.

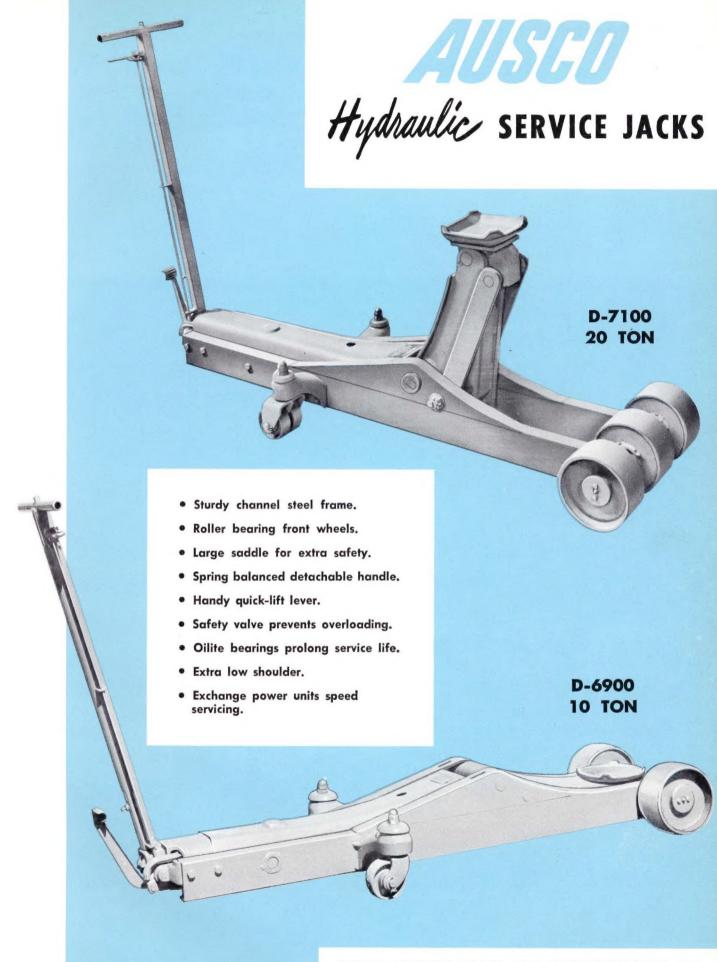
Capacity
Saddle Low Point
Saddle Raised Height
Over-all Chassis Length421/2"
Handle Length
Weight (incl. handle)135 lbs
Available with rubber wheels for showroom use

#### LONG-CHASSIS 4-TON SERVICE JACK

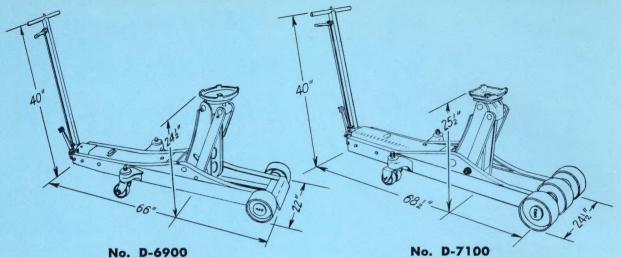
Feather weight, spring balanced handle operates through any portion or all of 90° arc without "shifting gears". Foot pedal operation for speedy lifting of saddle to load or lifting light loads. Safety lock on lowering valve prevents accidents. By-pass valve prevents overloading. Large cup saddle prevents load slipping off. Easy maneuvering and dollying. Ruggedly built throughout with wide base and correct design.

Capacity8000 lbs.
Low Saddle4¼"
High Saddle24"
Over-all Chassis Length58"
Handle Length40"
Weight (incl. handle)196 lbs.

# **AUTO SPECIALTIES MANUFACTURING CO.**



# **AUTO SPECIALTIES MANUFACTURING CO.**



Here's a service jack that will lift just about anything that drives into your shop. Every service shop or fleet garage needs at least one to pick up the oversize jobs. High lift raises up to 24½". Foot lever raises saddle to load quickly. Spring-loaded release valve — no screw, universal joints or gears. Ball-bearing caster rear wheels and roller-bearing front wheels for easy maneuvering. Pivot pins have oilite bearings for longer life.

#### No. D-7100 20 TON SERVICE JACK

Greater capacity than ever before available in a service jack. Will lift with ease heaviest equipment such as Power Shovels, Crawler Tractors, Cranes, Dump Trucks, etc. Extra long, heavy welded box-type main frame, rugged lifting arm, triple load-carrying front wheels and dual caster wheels give this jack the brute strength needed for the severest duty. Quick lift lever may be hand or foot operated to speed raising saddle to load.

#### SPECIFICATIONS

D-6900	D-7100
10 tons	20 tons
9 7/8"	101/4"
61/4"	61/2"
24 1/2"	25 1/2"
181/4"	19"
	68 1/2 "
40"	40"
1051/2"	108"
22"	24 1/2"
365 lbs.	530 lbs.
	10 tons 9 1/8" 6 1/4" 24 1/2" 18 1/4" 66" 40" 105 1/2" 22"

**DUAL WHEEL DOLLY** 

#### No. D-8500

A necessary time and work-saver for removing and replacing heavy dual wheels on trucks, buses, etc. Sturdy, all-welded steel construction. Easy-to-pump hydraulic unit. Four 2½" ball-bearing caster wheels make positioning easy.

#### **SPECIFICATIONS**

Capacity	1500 lbs.
Length	41"
Width	371/4"
Weight	170 lbs.
Lifting Arms, length	23-3/16"
Height of lift	6"
Overall height	30 1/8"

**AUTO SPECIALTIES MANUFACTURING CO.** 



Catalog No. 2300

Capacity

1000 lbs.

Handy

**Tool Tray** 

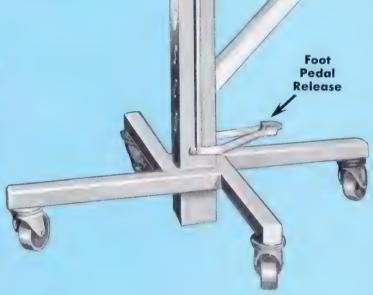
# HANDLER

Now every shop can afford the work-saving convenience of a Transmission Handler. This mechanical Hi-Range model does everything other types do, but at far less cost. Though moderate in price, it is built with all the rugged dependability and easy use features you have come to expect from Auto Specialties' products.

Four wide - spread legs with 4 swiveling caster wheels give the 2300 excellent stability and mobility. Extremely smooth, easy operation . . . all working parts of lifting mechanism move on ball bearings. Precision-machined lifting screw works through re-circulating ball bearing nut. Effortless automatic lowering is controlled through footpedal release. Handy tool tray conveniently located at handle bars.



Positioning adapter fits all transmissions including '50, '51 and '52 Powerglide. Adapter tilts 65° forward to clear frame cross members when lowering transmission. Controlled tilt 15° right and 15° left . . . 7° rear tilt for easy dowel pin and bolt hole matching.



#### **SPECIFICATIONS**

Catalog No	2300
Capacity	
Low point (transmission carrier)	42 1/2"
High point (transmission carrier)	72"
Width (Between centers of casters)	37 1/2 "
Floor clearance	1¼"
Weight	

# **AUTO SPECIALTIES MANUFACTURING CO.**



# FLOOR MODEL TRANSMISSION HANDLER

with Universal Adapter

Catalog No. D-6500

Designed to simplify one-man transmission service with car on standard garage horses. Low height of  $5\frac{1}{2}$ " at load point permits easy removal and replacement of transmission under the vehicle. The hydraulic pump, ram and positioning carrier are all in one unit. Controls are conveniently located for fast work from a creeper . . . pump operating lever can be mounted at either side for right or left handed operation. Four large casters, widely spaced for maximum stability, permit easy rolling, loaded or unloaded. Convenient tool trays, 3-ton size power unit for extra long life.



## **Universal Transmission Adapter**

Width 5½" to 15" Length 7¾" to 15"



Adjusts quickly and easily from the smallest to the largest units. Transmission flanges rest firmly on the top edges of the adjustable holding clamps, cradling the transmission pan so that it cannot be damaged in removal or assembly. Excess loose parts and attachments have been eliminated along with unnecessary overhang and projections which would limit accessibility.

Handles all automatic passenger car or truck transmissions up to 500 lbs, including Powerglide '53 and later,

Properly balances and supports the weight while lifting the load.

All adjustments can be made without tools.

Safety chain provided for holding transmission firmly in place.  $% \begin{center} \end{center}$ 

### CONVENIENT FLOATING TILT

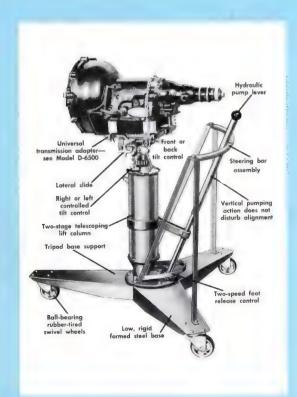
Floating tilt balances the transmission so it can be freely moved by light hand pressure without adjustment of the tilt screw. Controlled or floating tilt of  $56^{\circ}$  forward and  $6^{\circ}$  back. Controlled side tilt  $10^{\circ}$  right or left.



The floating tilt is shown in action above, permitting an extended transmission housing to clear the frame cross-member without manual adjustment.

SPECIFICATIONS	Cat. No. D-6500
Capacity	1000 lbs.
Low point (transmission carrier)	
High point (transmission carrier)	24 1/2 "
Overall length	35"
Overall width	20 1/2 "
Floor clearance	1 1/2 "
Weight	96 lbs.





# TRANSMISSION HANDLER TWO-STAGE

Pedestal Model
with New Universal Adapter

Catalog No. D-6600

Designed for safe, speedy, one-man operation with car on garage lift. Raised height is 72"...lowers to 32" giving maximum convenience when transferring heavy units to bench or directly to Powerglide or other assembly fixtures.

The hydraulic pump and lift cylinder is a single unit with no exposed piping or fittings. Dual-speed foot release permits fast or slow lowering. Safety overload valve protects equipment and car. Three large, ball-bearing service casters are widely spaced for stability and straddling lift floor plates.

Positioning carrier tilts 28° forward, 10° backward, 13° right and left and slides laterally 3" on steel rollers. Fast-acting lead screws for safe, accurate, controlled positioning. Pumping handle conveniently located and protected by steering bar assembly.

SPECIFICATIONS	Cat. No. D-6600
Capacity	1000 lbs.
Low point (transmission carrier)	
High point (transmission carrier)	
Between centers of 3 casters	
Floor clearance	
Weight	139 lbs.

## Powerglide Adapter for '50-'51-'52



Catalog No. 60-205 Axially balanced to permit free rotation through 90° arc. This is necessary to remove and replace '50-'51 and '52 Powerglide transmissions.

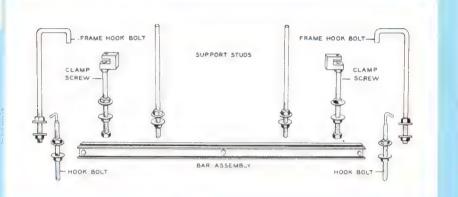
# AUSCO

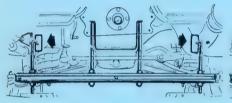
# Engine Supports

Catalog No. 60-201

for use with Ausco Transmission Handlers Quickly and easily installed, Ausco Engine Supports safely and conveniently hold and position the engine when transmission or rear engine mount is removed. No makeshift, dangerous blocking or jacking required. The engine is supported from the pan flange. Protects crankcase pan, front engine mounts, hose and linkage connections. Work is speeded up because work area is kept clear of obstructions. Car may be moved in and out of working stall.

The Universal Engine Support is adaptable to 90% of passenger cars.





# Hole Hook Mounting in Use Hook bolts at ends of bar are hooked through holes in frame, whenever such holes are conveniently located.



Frame Hook Mounting in Use
Where no holes or flanges are located in proper position, special wide
hooks go over top of frame.



Clamp Mounting in Use
Clamp type attaching screws grip the
flanged edges of the frame when
either type of hook cannot be used.

# *AUSCO*

# Hydraulic JACK OIL

PLAY SAFE! To obtain maximum efficiency from your hydraulic jack equipment, use only Ausco Hydraulic Jack Oil. It is especially compounded to prolong jack life. Keeps the hydraulic mechanism free of rust and contains special ingredients necessary for dependable and satisfactory performance.

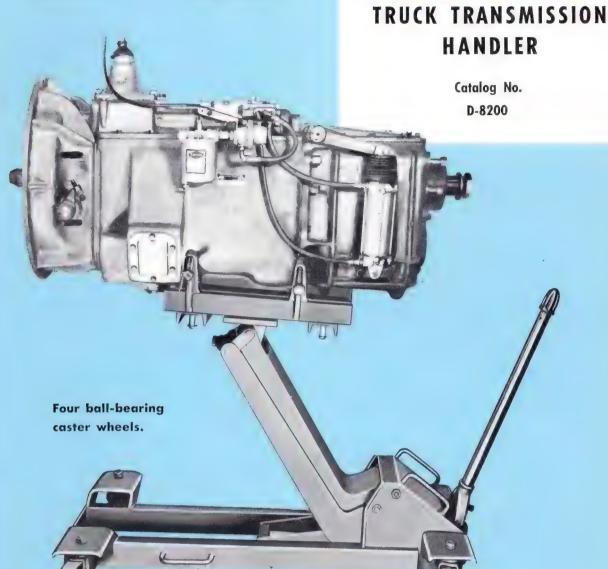
**Do not substitute** with fluids such as brake fluid, glycerine, alcohol and drain oil which not only pit cylinder walls, dissolve sizing of cups and generally harm internal jack parts, but also **void the guarantee**.



# AUTO SPECIALTIES MANUFACTURING CO.



Universal adapter on load platform.



This heavy-duty transmission jack will handle any over-the-highway truck transmission with power to spare. Makes easy those difficult under-vehicle jobs involving transmissions, differentials, front and rear axle units. Saves many man-hours and avoids injuries to personnel in handling these cumbersome units. Raises high enough  $(31\,\frac{34}{4}'')$  for transferring heavy units to bench or fixtures. Universal load adapter on load platform. Adapter tilts  $37^\circ$  forward,  $14\,\frac{1}{2}^\circ$  to the rear,  $11^\circ$  left and  $11^\circ$  right. Four ball-bearing caster wheels. Rugged all welded heavy steel construction.

#### **SPECIFICATIONS**

Capacity	2000 lbs.
Low Adapter Height	63/4"
High Adapter Height	
Chassis Length	463/4"
Width (widest point)	23"
Adapter Tilt (forward, max.)	37°
Adapter Tilt (rearward, max.)	
Caster Wheel Diameter	4"
Floor Clearance	3/4"
Weight	
High Adapter Height	.313/4"

## AUTO SPECIALTIES MANUFACTURING CO.

# Super Service ONE-END LIFT

Ideal inexpensive auxiliary jack for shop or station. Weighs only 47 lbs. which makes it especially good for road service. Lifting saddles go way down to 5 1/2" to get under bumper when tire is completely flat. Precision ball bearing lift screw and hardened steel rollers at front and rear of upright make lifting easy only 12 pounds handle effort raises capacity load. Spinner on handle adds to operating comfort. Special brake prevents handle "windmilling" and accidental lowering of load. Ball-bearing wheels under rear of base permit easy placement under car and movement from job to job. Sturdy construction throughout for long, troublefree service life.

#### **SPECIFICATIONS**

Catalog No	1105
Capacity	3000 lbs.
Overall height	36¾"
Saddles (low)	
Saddles (raised)	30″
Saddle width	5" to 22"
Weight (lbs.)	



# SCISSORS JACK



#### 11/2 TON No. 1013

This popular scissors jack has maximum rigidity and an exceptionally high lifting range. Large lift and stabilizing links are offset to reduce friction. Special Acme-thread screw and ball thrust bearing for easy operation. Folding handle.

#### SPECIFICATIONS

Height, fow	41/2"
Height, raised	141/2"
Base	7"x31/4"
Weight, with handle	151/2 lbs.
Crank type handle length 51 1/1	folded 27.3."

# **AUTO SPECIALTIES MANUFACTURING CO.**

St. Joseph, Benton Harbor and Hartford, Mich.; Windsor, Ontario, Canada



For use under side rail behind front wheel or in front of the rear wheel. The handy lug-wrench handle can be foot-operated, eliminating stooping. Positive single action lift mechanism.

#### SPECIFICATIONS

Low height	4 1/2"
Raised height	171/2"
Base, front	4 1/8" x 4 3/4"
Base, rear	4 3/4" x 2 3/4"
Weight	14 lbs.
Lug-wrench handle, length	183/4"
Individually carto	ned



Here's a combination for your D-8000 End Lift that makes a tremendous all-purpose unit for work under cars on hoists or lifts. With the DP-160-R and DP-160-T Adapter in place, you can raise, lower and position all car and light truck transmissions, including '50, '51 and '52 Powerglide. Lift Extender DP-160-R gives high push needed to raise bodies for easy access for work on suspension, spring, tail-pipe, muffler, oil filter and brake jobs.

#### **SPECIFICATIONS**

Catalog No.	DP-160-R	DP-160-T and R		
Low Height 56 1/4"		47"		
Raised Height	793/4"	70 1/2 "		
Forward Tilt	*******	40°		
Rear Tilt	*******	17°		
Side Tilt		left 10° and right 10°		
Weight	171/2 lbs.	46 lbs.		

# **AUTO SPECIALTIES MANUFACTURING CO.**

# AUSGO Mechanical

Catalog No. 1100

END LIFT

A screw-actuated version of the popular One End Lift. Large precision screw works through re-circulating ball-bearing nut for easy raising and lowering. Cranking effort is only 15 lbs. at full capacity. Safety lock prevents accidental lowering of load. All welded structure like the D-8000 stands up under severe use.



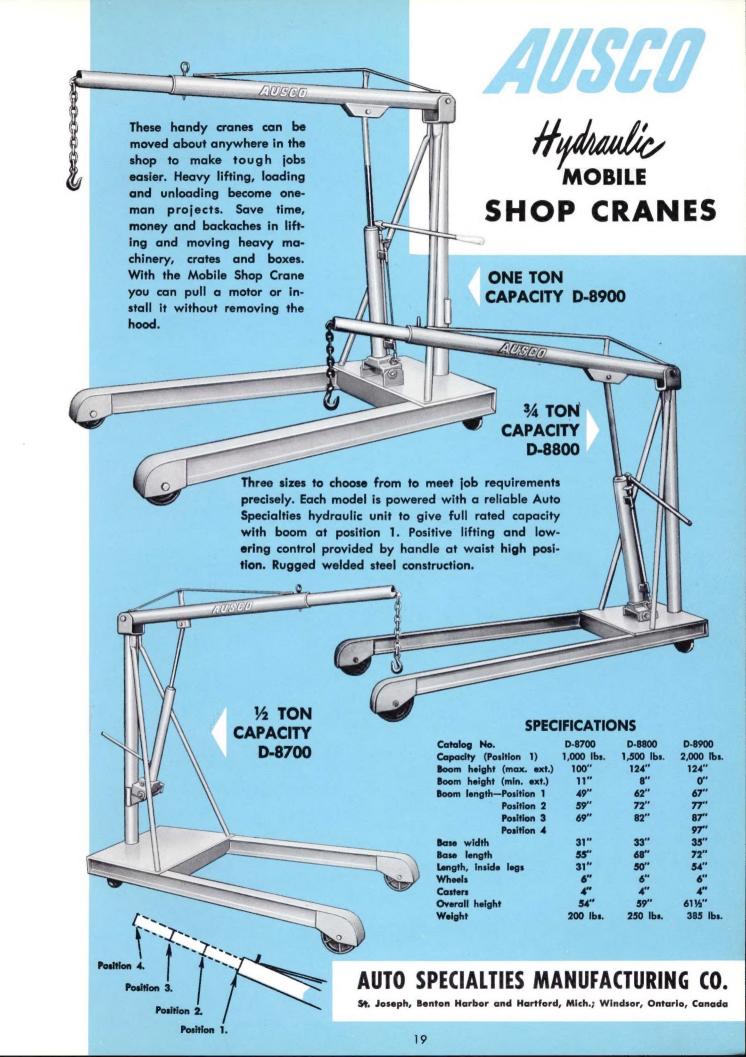
Catalog No.	1100	D-8000 39" 8"		
Overall Height	36"			
Saddle Height (low)	8"			
Saddle Height (raised)	31 1/2"	31 1/2"		
Saddle Width (adjustable)	19 % " to 42 ¼"	19 %" to 42 ¼"		
Floor Clearance	1"	1"		
Wheel Base	24 1/8"	24 1/8"		
Width Front	20"	20"		
Width Rear	15"	15"		
Weight (lbs.)	150	175		

## Replacement Power Unit for D-8000

Replacement Power Unit is available for easy servicing of the D-8000 Hydraulic One End Lift. Only five bolts and one cotter pin need to be removed and replaced to change units. Credit on exchange will be given if old power unit is returned.

Catalog No. SA 8001-1

# **AUTO SPECIALTIES MANUFACTURING CO.**



ASSET

Steel

GARAGE HORSES

These all-steel garage horses provide safe, efficient stationary support for those jobs that are on the service floor for longer periods. Release expensive floor jacks for maximum use. No. 60-100, 60-101 and 60-107 have one piece malleable iron load rest and rack bar adjustable to desired height with automatic lock and release - no springs or counterweights. Grip handle prevents "knuckle - busting." Economical pedestal type No. 60-115 has fool-proof pintype lock.



Cat. No.	60-100	60-101	60-107	60-115
Capacity, Tons	2	5	7	2
Height (low)	111/4"	153/4"	19"	12"
Height (raised)	18"	251/4"	30"	20"
Base (inches)	10x10	11x11	121/2×121/2	8x8
Weight (lbs., pair)	153/4	28 1/2	44	14

## MECHANICAL AXLE JACKS



### A - DOUBLE SCREW AXLE JACKS

Jacks 313 and 434H have tough steel bodies. The body of jack 433C is rugged malleable iron. These jacks have enclosed mechanism, telescoping tubes for maximum lift and heat-treated bearings and lifting screws. Jack 117 is steel construction featuring a side ratchet operation.

#### B - SINGLE SCREW AXLE JACKS

Approved as standard equipment on thousands of trucks, these jacks feature tough malleable iron bases, hard steel lift screws and ball thrust bearings. The ratchet drive gives maximum leverage. Models 3 and 16D have a hinged step which adds 2" to the lifting range.

#### SPECIFICATIONS

Catalog No.	3	16D	18E	313	434H	433C	117
Capacity, tons	2	3	3	11/2	2	2	5
Height, low	9"*	9"*	93/4"	61/8"	7"	9"	93/8"
Height, raised	143/4"*	15"*	16"	143/4"	16"	21"	181/2"
Base, inches	4x6	41/8×61/4	41/8×61/4	37/8×41/2	41/2×53/4	43/4×53/4	4x6
Weight, with handle (lbs.)	105/8	141/2	137/8	65/2	101/2	163/8	143/4

\* Plus 2" with step raised.

# **AUTO SPECIALTIES MANUFACTURING CO.**

St. Joseph, Benton Harbor and Hartford, Mich.; Windsor, Ontario, Canada

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